



6000W CONTINUOUS WAVE LASER CLEANING MACHINE



About Us

Diamond Industrial Laser

At Diamond Industrial Laser (DIL), we deliver cutting-edge laser cleaning technology built for industry, not aesthetics. We specialize in high-performance industrial-grade laser cleaning systems designed to meet the rigorous demands of manufacturing, fabrication, and heavy-duty maintenance.

What we offer

Whether it's weld preparation, corrosion removal, non-destructive inspection prep, or mould restoration, our solutions are engineered to boost productivity, reduce downtime, and elevate results.

With a commitment to durability, safety, and user efficiency, DIL is the trusted partner of professionals who demand excellence in surface preparation and restoration.

We don't follow trends—we set industrial standards.

"Clean Smarter. Work Harder."



Before and After Laser Cleaning

About

Our Products

Continuous Wave Laser Cleaning Machines

Industrial Cleaning, Continuous Power

Our CW Laser Cleaning Machines, such as the robust 6000 W systems, deliver uninterrupted power for large-scale industrial applications. Ideal for heavy rust removal, large-area surface preparation, and tough contaminant stripping, these machines provide high-speed, deep-cleaning performance with maximum thermal efficiency.

- High-efficiency continuous beam
- Optimized for metal surfaces and structural components
- Perfect for pre-weld cleaning, NDI/NDT prep, and surface treatment
- Designed for long operational cycles in demanding environments



Comparisson of Different Cleaning Methods

Comparison Items	Laser Cleaning	Chemical Cleaning	Mechanical Grinding	Dry Ice Blasting	Sand Blasting
Method	Laser, no contact	Contact type	Contact type	no contact	Contact type
Workpiece Damage	No	Yes	No	No	Yes
Efficiency	High	Low	Low	Medium	Medium
Consumables	Only power on	Chemical Agent	Sandpaper	Dry Ice	Special Sand
Cleaning Effect	Excellent, Pollution Free	General uneven, Enviromental Pollution	General uneven, Enviromental Pollution	General uneven	General uneven, Enviromental Pollution
Cleaning Range	Controllable	Uncontrollable	Uncontrollable	Uncontrollable	Unable to Clean dead corners
Manual Operation	Handheld or Automated	Complex Procesess	Time consuming and labor intensive.	Handheld or Automated	Labor intensive.
Cost Input	High Initial Cost but Low maintenance Cost	Medium Initial Cost and High cost consumables	Medium Initial Cost and High labor cost, and consumables	Medium Initial Cost and High consumables cost	High Initial Cost and High consumables cost

The Advantages of Our Products



BUILT FOR INDUSTRY

DIL machines are purpose-built for industrial use—no gimmicks, no compromises. Unlike consumer-grade alternatives, our systems are engineered to handle real-world applications in manufacturing and maintenance environments.



NON-CONTACT, NON-ABRASIVE

Say goodbye to grinding, sandblasting, or chemical stripping. Our laser solutions clean surfaces without damaging the base material, reducing waste and post-process cleanup.



SAFE, ECO-FRIENDLY TECHNOLOGY

Our systems minimize operator exposure to harmful chemicals and airborne particles. Laser cleaning is dry, solvent-free, and generates significantly less waste—making it safer for your team and cleaner for the planet.



COST-EFFICIENT & SCALABLE

Lower maintenance, reduced labor costs, and faster throughput translate to measurable ROI. Whether you're cleaning a small part or preparing an entire structure, DIL has a laser solution that scales with your operation.

Let's get in touch

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